

Ultralite Range

**ONE-COMPONENT LIGHTWEIGHT
CEMENTITIOUS ADHESIVES**





Ultralite range

The name **Ultralite** is used to identify a family of innovative, **lightweight cementitious adhesives**, unique in their kind, ideal for bonding all types of ceramic, mosaic and natural stone, and thin porcelain tiles in particular. They are particularly versatile with characteristics that make the work of installers simpler and quicker. Ultralite range products have the same volume but weigh less (15 kg) than bags of conventional cementitious adhesives (25 kg). This makes for easier handling and savings in transport costs.

Ultralite
Technology™



Ultralite S1

One-component, high performance, flexible, lightweight, cementitious adhesive for ceramic tiles, stone material and porcelain tiles. Classified as C2TE S1 according to GSO ISO 13007-1 and EN 12004.

- Suitable adhesive for:
 - internal and external floors and walls
 - all types of ceramic tiles and glass mosaic (double-fired, single-fired, porcelain, klinker, terracotta, etc.)
- Approx. 60% higher yield compared with standard MAPEI C2S1 adhesives
- No vertical slip when fixing on walls, even with large-sized tiles.
- Extended open time
- Easy to trowel and good buttering capacity
- More than 8 hours of pot life
- Wall joints can be grouted after 4-8 hours and floor joints can be grouted after 24 hours
- Floors are set to light foot traffic after approx. 24 hours
- Floors can be fully loaded in 14 days
- Available in Grey color

Ultralite S1 Quick

One-component, high performance, deformable, lightweight, rapid-setting and hydrating cementitious adhesive for ceramic tiles, stone material, porcelain and large format ceramic tiles. Ultralite S1 Quick is the rapid version of Ultralite S1. Classified as C2FT S1 according to GSO ISO 13007-1 and EN 12004.

- Suitable when surfaces need to be set to light foot traffic more quickly or when bonding in cold weather.
- Suitable adhesive for:
 - internal and external floors and walls
 - all types of ceramic tiles and glass mosaic (double-fired, single-fired, porcelain, klinker, terracotta, etc.)
- Approx. 60% higher yield compared with standard MAPEI C2S1 adhesives
- No vertical slip when fixing on walls, even with large-sized tiles.
- Extended open time
- Longer pot life compared to other quick setting adhesives
- Easy to trowel and good buttering capacity
- Wall and floor joints can be grouted after 2-3 hours
- Floors are set to light foot traffic after approx. 2-3 hours
- Floors can be fully loaded in 24 hours
- Available in grey and white colors





Ultralite S2

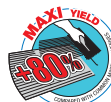
One-component, high performance, highly-deformable, lightweight cementitious adhesive for ceramic tiles and stone material, ideal for thin porcelain tiles and large sized tiles. Classified as C2E S2 according to GSO ISO 13007-1 and EN 12004.

- Suitable adhesive for:
 - internal and external floors and walls
 - all types and sizes of porcelain
 - all types of ceramic tiles (double-fired, single-fired, porcelain, klinker, terracotta, etc.), stable stone not sensitive to humidity and mosaic even in swimming pools
 - external thin section tiles installation
- Approx. 80% higher yield compared with standard MAPEI C2S2 adhesives
- Extended open time
- Easy to trowel and good buttering capacity
- Very low emission of volatile organic compounds
- More than 8 hours of pot life
- Wall joints can be grouted after 4-8 hours and floor joints can be grouted after 24 hours
- Floors are set to light foot traffic after approx. 24 hours
- Floors can be fully loaded in 14 days
- Available in grey and white colors

Ultralite S2 Quick

One-component, high performance, highly-deformable, lightweight, rapid-setting and hydrating cementitious adhesive for ceramic tiles and stone, ideal for thin porcelain tiles and large sized tiles. Ultralite S2 Quick is the rapid version of Ultralite S2. Classified as C2FE S2 according to GSO ISO 13007-1 and EN 12004.

- Suitable when surfaces need to be set to light foot traffic more quickly or when bonding in cold weather.
- Suitable adhesive for:
 - internal and external floors and walls
 - all types and sizes of porcelain
 - all types of ceramic tiles (double-fired, single-fired, porcelain, klinker, terracotta, etc.), stable stone not sensitive to humidity and mosaic even in swimming pools
 - external thin section tiles installation
- Approx. 80% higher yield compared with standard MAPEI C2S2 adhesives
- Extended open time
- Longer pot life compared to other quick setting adhesives
- Easy to trowel and good buttering capacity
- Very low emission of volatile organic compounds
- Longer pot life compared to other quick setting adhesives
- Wall and floor joints can be grouted after 2-3 hours
- Floors are set to light foot traffic after approx. 2-3 hours
- Floors can be fully loaded in 24 hours
- Available in grey and white colors



How to apply

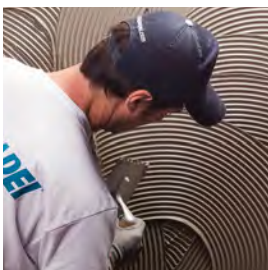


Pour the clean and required quantity of water into a rust free bucket.

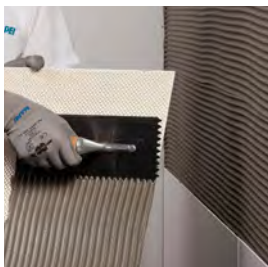
- **Ultralite S1:** 8.25-8.55 litres per 15 kg bag
- **Ultralite S1 Quick:** 5.1-5.4 litres per 15 kg bag
- **Ultralite S2:** 5.3-5.7 litres per 15 kg bag
- **Ultralite S2 Quick:** 5-5.4 litres per 15 kg bag



Pour 15 kg bag of **Ultralite** into the bucket and mix to obtain an homogeneous paste. Leave to rest approx. 5 minutes and remix.



To obtain a good adhesion to the substrate apply a thin coat of **Ultralite** using the smooth side of the trowel. Then immediately apply the desired thickness of **Ultralite** using the suitable notched trowel depending on the type and size of tile.



When installing ceramic tiles externally to walls and floors, for large sized tiles and floors subject to heavy loads and for thin porcelain tiles, we recommend that the adhesive is also spread on the backs of the tiles with the suitable notched trowel to ensure there are no gaps to avoid the risk of fracture when in service.

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